

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 3581.04US01
INTERNATIONAL APPLICATION NO. PCT/EP2003/006799	INTERNATIONAL FILING DATE 27 June 2003 (27/06/2003)	U.S. APPLICATION NO. (If known - see 37 CFR 1.5) 107519352
TITLE OF INVENTION MEDICAMENT FOR THE TREATMENT OF DISEASES DUE TO INFECTION BY NEISSERIA MENINGITIDIS		
APPLICANT(S) FOR DO/EO/US BRAUN, Jan Matthias; WEIR, Donald M.; BLACKWELL, C. Caroline and BEUTH, Josef		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Copy of Response to Written Opinion - 7 pages; and Copy of IPER - 10 pages</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/519352		INTERNATIONAL APPLICATION NO. PCT/EP2003/006799		ATTORNEY'S DOCKET NUMBER 3581.04US01																															
21. The following fees are submitted:																																			
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee..... \$500.00																																			
TOTAL OF ABOVE CALCULATIONS = \$1000.00																																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																															
72 - 100 = 0	/50 = 0			x \$250.00	\$ 0																														
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th colspan="2">\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>19</td> <td>- 20 = 0</td> <td>x \$50.00</td> <td colspan="2">\$ 0</td> </tr> <tr> <td>Independent claims</td> <td>2</td> <td>- 3 = 0</td> <td>x \$200.00</td> <td colspan="2">\$ 0</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> <td colspan="2">\$ 0</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$ 1,000</td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		Total claims	19	- 20 = 0	x \$50.00	\$ 0		Independent claims	2	- 3 = 0	x \$200.00	\$ 0		MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 0		TOTAL OF ABOVE CALCULATIONS = \$ 1,000					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																															
Total claims	19	- 20 = 0	x \$50.00	\$ 0																															
Independent claims	2	- 3 = 0	x \$200.00	\$ 0																															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 0																															
TOTAL OF ABOVE CALCULATIONS = \$ 1,000																																			
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																																			
SUBTOTAL = \$ 500																																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																			
TOTAL NATIONAL FEE = \$ 500																																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																			
TOTAL FEES ENCLOSED = \$ 500																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>								Amount to be refunded:	\$			Amount to be charged:	\$																						
		Amount to be refunded:	\$																																
		Amount to be charged:	\$																																
a. <input checked="" type="checkbox"/> A check in the amount of \$ 500.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>16-0631</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																			
SEND ALL CORRESPONDENCE TO: Brian L. JARRELLS Patterson, Thuente, Skaar & Christensen, P.A. 4800 IDS Center 80 South 8th Street Minneapolis, Minnesota 55402																																			
 SIGNATURE Brian L. JARRELLS NAME 53,067 REGISTRATION NUMBER																																			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PCT RECEIVING OFFICE (RO/US)

10/519352

In re the application of:

Attorney Docket No.: 3581.04US01

BRAUN et al.

Application No.: *Not Yet Assigned*Filed: *Concurrently Herewith*For: MEDICAMENT FOR THE TREATMENT OF DISEASES DUE TO INFECTION
BY NEISSERIA MENINGITIDIS**SUBMISSION OF DOCUMENTS**

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Enclosed for filing in the above-identified application are the following documents:

1. Certificate of Express Mailing;
2. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 – 2 pages;
3. Information Disclosure Statement and Form PTO-1449 – 3 pages;
4. Copies of 5 Cited References;
5. Preliminary Amendment – 9 pages;
6. Front Page of PCT Publication No. WO 2004/002523 A1 – 1 page;
7. Copy of Search Reports mailed 11/20/2003 - 5 pages;
8. Copy of Written Opinion mailed 03/17/2004 – 5 pages;
9. Copy of Response to Written Opinion mailed 07/14/2004 – 7 pages;
10. Copy of International Preliminary Examination Report mailed 08/23/2004 – 10 pages
11. Check in the amount of \$500.00; and
12. Return Postcard.

Respectfully submitted,

Brian L. JARRELLS
 Registration No. 53,067

Patterson, Thuente, Skaar & Christensen, P.A.
 4800 IDS Center, 80 South Eighth Street
 Minneapolis, Minnesota 55402-2100
 (612) 252-1535

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV 494285755 US. Date of Deposit: 27 December 2004. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Doris Whitcomb
 Name of Person Making Deposit

Doris Whitcomb
 Signature